

NHPTL, Bina, India	Engineering services relating to the construction of Power Transformer Testing Laboratory	2012-2013	*
Testing Facilities and maximum ratings of equipment to be tested			
<p>On the basis of the design developed in 2010 year the National High Power Testing Laboratory erected the Power Transformer Testing Laboratory supplied by three incoming lines at 765 kV, 400 kV and 220 kV and including two test sections:</p> <ul style="list-style-type: none"> ● MV Laboratory to test Transformer with rated power up to 125 MVA, up to 132 kV, 3-phase, ● HV Laboratory to test Transformer: <ul style="list-style-type: none"> ○ 220 kV, up to 315 MVA, (3-phase), ○ 400 kV, up to 630 MVA (3-phase), ○ 400 kV, up to 260 MVA, (1-phase), ○ 765 kV, up to 500 MVA, (1-phase). <p>NHPTL require engineering services supporting the different phases of the Laboratory construction.</p>			
Tasks performed:			
<ul style="list-style-type: none"> ● Technical Specifications concerning: <ul style="list-style-type: none"> ○ 800 MVA HV/MV Short-circuit Transformers bank, ○ 800 kV and 100 kV HV Reactors banks, ○ 800 kV Making Switch. ● Technical assistance to tendering and procurement phases, ● Review of drawings and specifications made by the main contractor, ● Assistance during commissioning. 			



* as CESI subcontractor